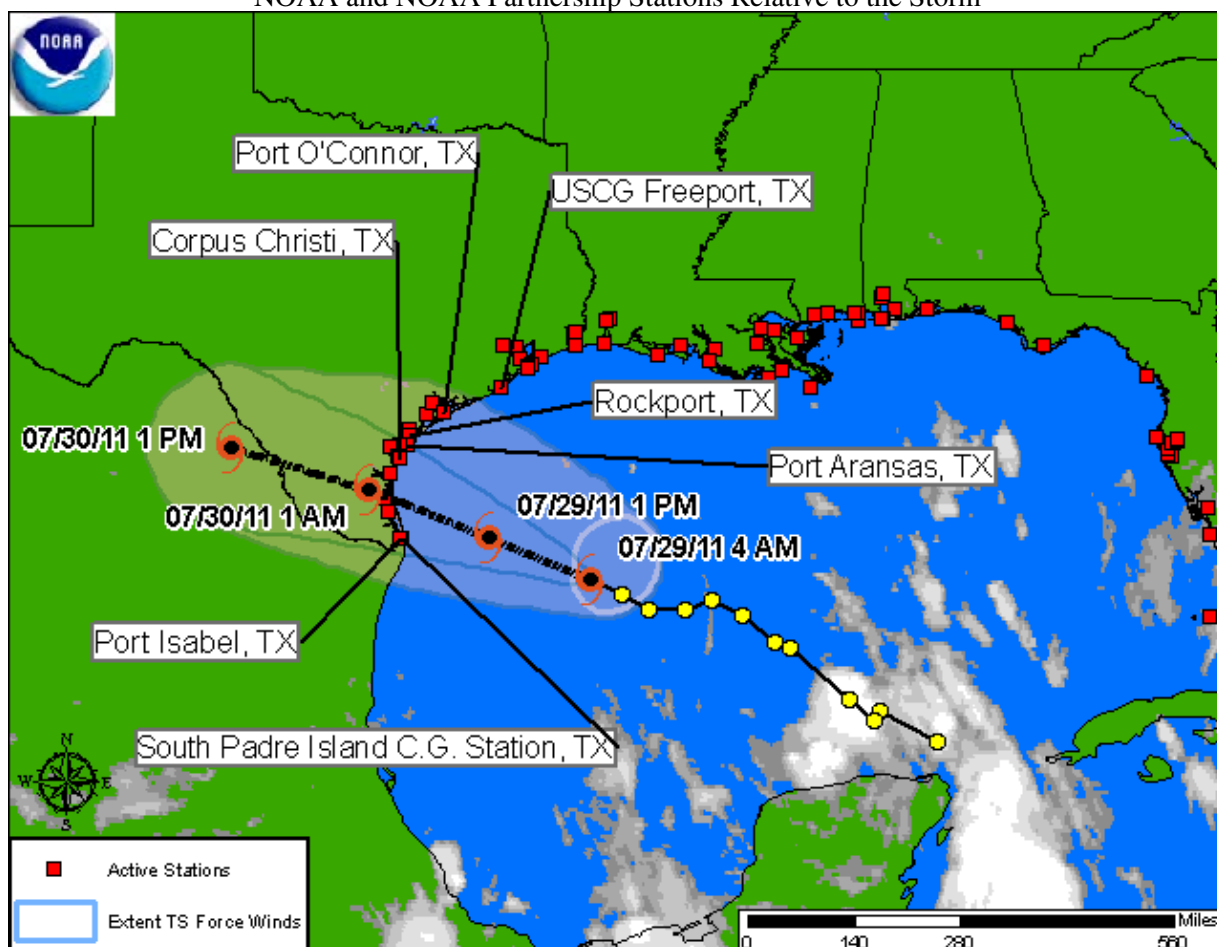




Tropical Storm DON QuickLook
Posted: 05:00 CDT 07/29/2011

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/29/2011 0500 CDT, water levels along the southern Texas coast are at or near predicted values. However, water levels are beginning to rise at Port O'Connor and USCg Freeport. Winds are generally weak and range between 2 and 17 kts. Barometric pressure is dropping along the southern Texas coast.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX Next predicted high tides are 1.38 ft (0.42 m) at 07/29/2010 07:00 CDT and 1.32 ft (0.40 m) at 07/30/2010 07:08 CDT.

South Padre Is. USCg, TX Next predicted high tides are 1.21 ft (0.37 m) at 07/29/2010 07:21 CDT and 1.13 ft (0.34 m) at 07/30/2010 07:32 CDT.

Tropical Storm DON QuickLook, POSTED 05:00 CDT 07/29/2011

Corpus Christi, TX Next predicted high tides are 1.66 ft (0.51 m) at 07/29/2010 05:26 CDT and 1.60 ft (0.49 m) at 07/30/2010 05:42 CDT.

Port Aransas, TX Next predicted high tides are 0.82 ft (0.25 m) at 07/29/2010 12:08 CDT and 0.83 ft (0.25 m) at 07/30/2010 13:24 CDT.

Rockport, TX Next predicted high tides are 0.23 ft (0.07 m) at 07/29/2010 14:16 CDT and 0.22 ft (0.07 m) at 07/30/2010 15:03 CDT.

Port O'Connor, TX Next predicted high tides are 0.62 ft (0.19 m) at 07/29/2010 11:02 CDT and 0.57 ft (0.17 m) at 07/30/2010 11:38 CDT.

USCG Freeport, TX Next predicted high tides are 1.83 ft (0.56 m) at 07/29/2010 05:06 CDT and 1.79 ft (0.55 m) at 07/30/2010 05:26 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:MPM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM DON ADVISORY NUMBER 7

400 AM CDT FRI JUL 29 2011

...DON CONTINUES MOVING TOWARD SOUTH TEXAS...

LOCATED NEAR LATITUDE 25.3 NORTH...LONGITUDE 93.6 WEST ABOUT 290 MISE OF CORPUS CHRISTI TEXAS ABOUT 245 MI OF

BROWNSVILLE TEXAS

MAXIMUM SUSTAINED WINDS...50 MPH PRESENT MOVEMENT...WNW OR 295 DEGREES AT 14 MPH MINIMUM CENTRAL

PRESSURE...1000 MB...29.53 INCHES

WATCHES AND WARNINGS

THE TROPICAL STORM WARNING FROM SAN LUIS PASS TO NORTH OF MATAGORDA TEXAS HAS BEEN DISCONTINUED.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* TEXAS COAST FROM THE MOUTH OF THE RIO GRANDE TO MATAGORDA

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING

AREA...IN THIS CASE WITHIN 24 HOURS.

INTERESTS IN NORTHEASTERN MEXICO SHOULD MONITOR THE PROGRESS OF DON.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND

WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 400 AM CDT THE CENTER OF TROPICAL STORM DON WAS LOCATED NEAR LATITUDE 25.3 NORTH...LONGITUDE 93.6 WEST

ABOUT 290 MISE OF CORPUS CHRISTI TEXAS ABOUT 245 MI OF BROWNSVILLE TEXAS. DON IS MOVING TOWARD THE

WEST-NORTHWEST NEAR 14 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE UNTIL LANDFALL LATE TODAY OR EARLY

SATURDAY.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 50 MPH WITH HIGHER GUSTS. SOME STRENGTHENING IS POSSIBLE UNTIL

LANDFALL...WITH WEAKENING LIKELY BY SATURDAY MORNING.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 105 MILES FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1000 MB...29.53 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA BY LATE TODAY.

STORM SURGE...WATER LEVELS WILL RISE BY AS MUCH AS 1 TO 2 FEET ABOVE GROUND LEVEL...MAINLY ALONG THE

IMMEDIATE COAST NEAR AND TO THE NORTHEAST OF WHERE THE CENTER MAKES LANDFALL. NEAR THE COAST...THE SURGE WILL

BE ACCOMPANIED BY LARGE AND DAMAGING WAVES.

RAINFALL...DON IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 5 INCHES FROM SOUTH TEXAS INTO EXTREME

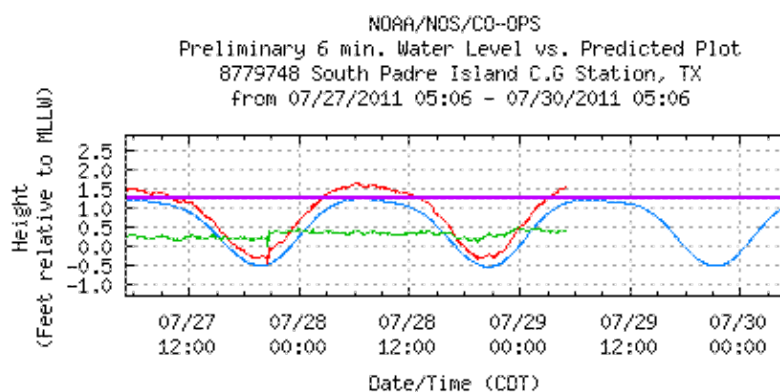
NORTHEASTERN MEXICO... WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS OF 7 INCHES.

FORECASTER BLAKE/STEWART

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [South Padre Island C.G Station - Water Level](#), [Port Isabel - Water Level](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Port Isabel - Air/Water Temp](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Port Aransas - Water Level](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Rockport - Air/Water Temp](#), [Port O'Connor - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [USCG Freeport - Air/Water Temp](#),

South Padre Island C.G Station, TX - Return to List

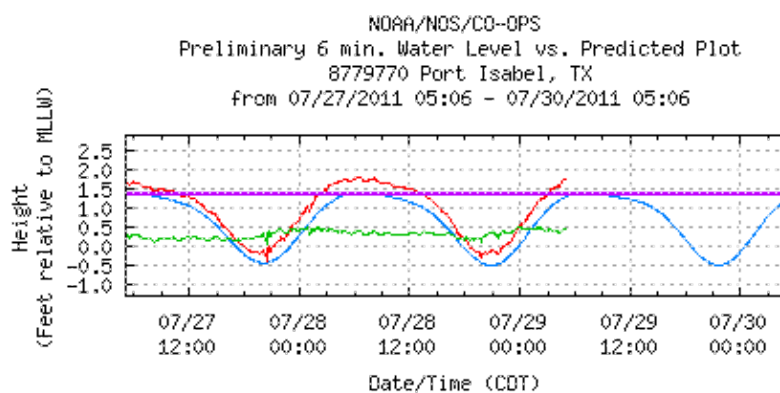


Last Observed Sample: 07/29/2011 04:54 (CDT)

Relative to MLLW: **Observed: 1.52 ft. Predicted: 1.12 ft. Residual: 0.40 ft.**

Historical Maximum Water Level: , 0 ft. above MHHW

Port Isabel, TX - Return to List

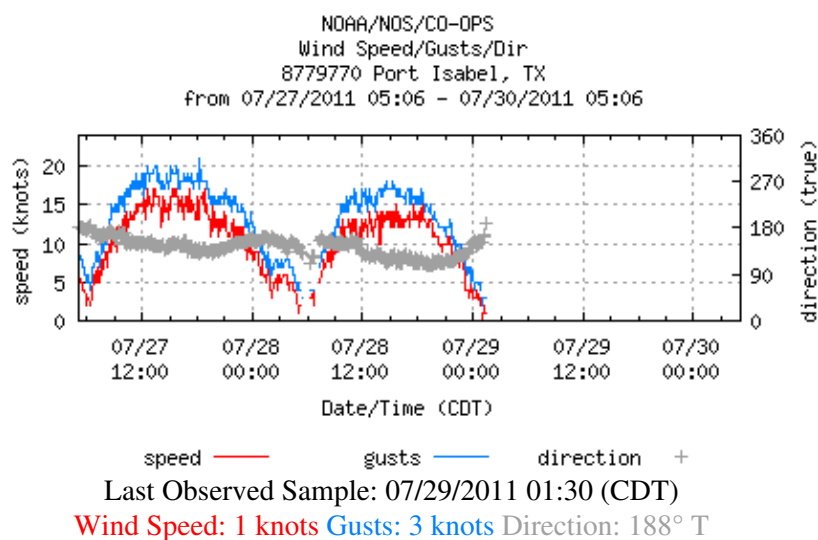


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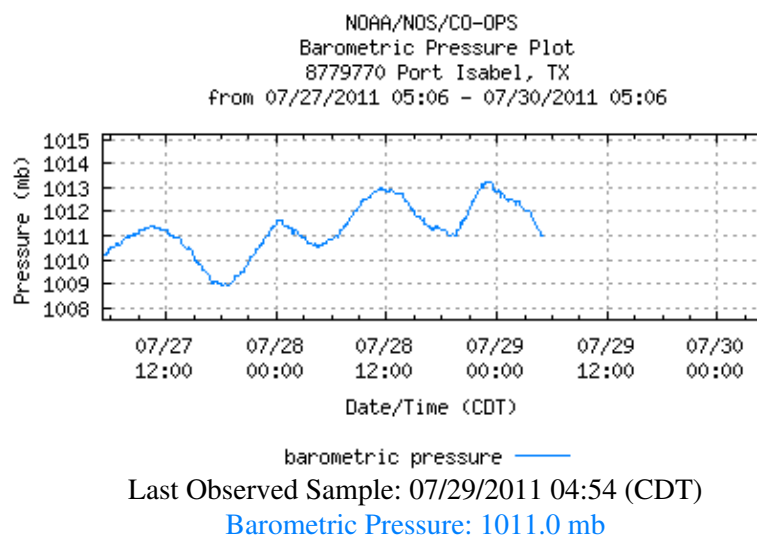
Relative to MLLW: **Observed: 1.73 ft. Predicted: 1.28 ft. Residual: 0.45 ft.**

Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above MHHW

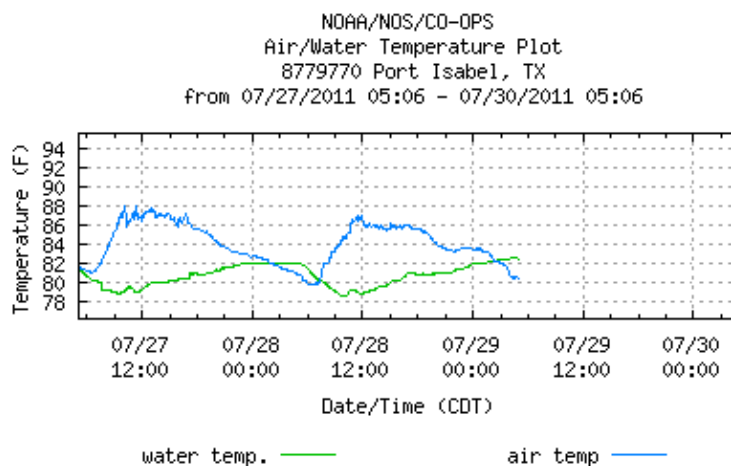
Port Isabel, TX - Return to List



Port Isabel, TX - Return to List



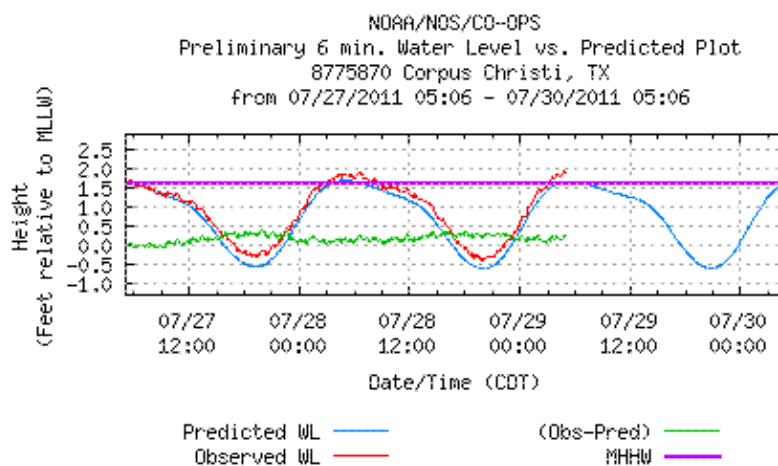
Port Isabel, TX - Return to List



Last Observed Sample: 07/29/2011 04:54 (CDT)

Water Temperature: 82.4° F Air Temperature: 80.4° F

Corpus Christi, TX - Return to List

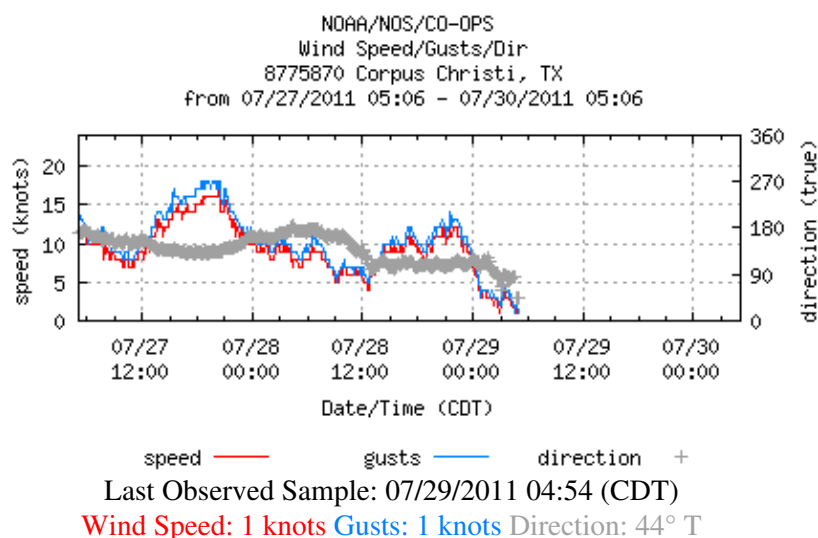


Last Observed Sample: 07/29/2011 04:54 (CDT)

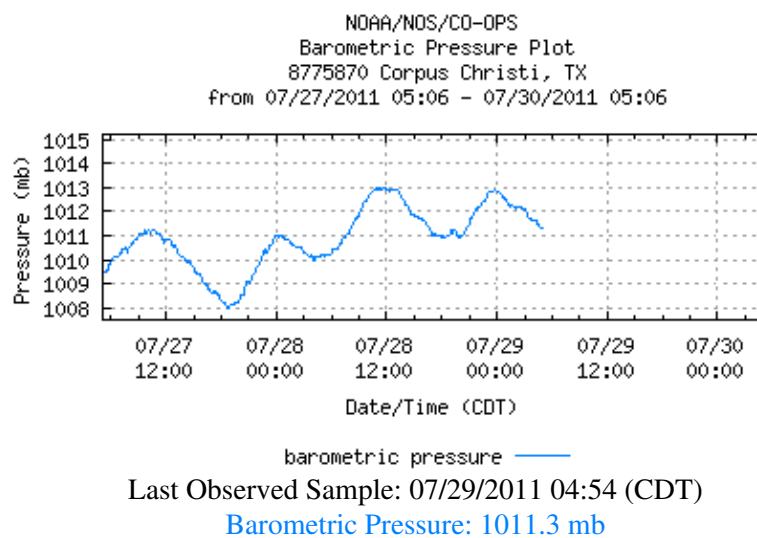
Relative to MLLW: Observed: 1.89 ft. Predicted: 1.65 ft. Residual: 0.24 ft.

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above MHHW

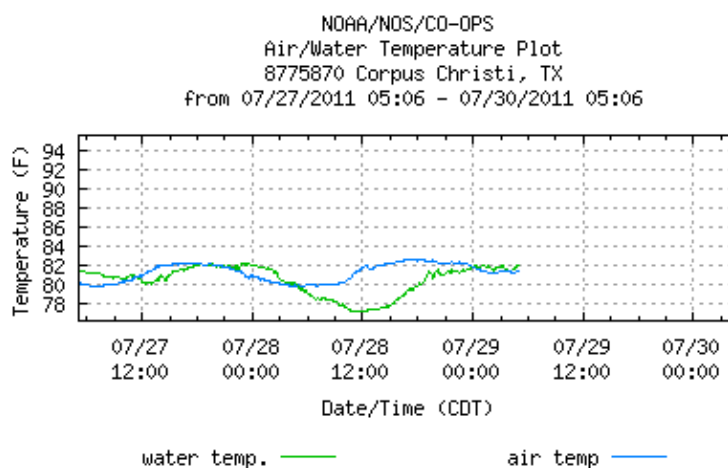
[Corpus Christi, TX - Return to List](#)



[Corpus Christi, TX - Return to List](#)



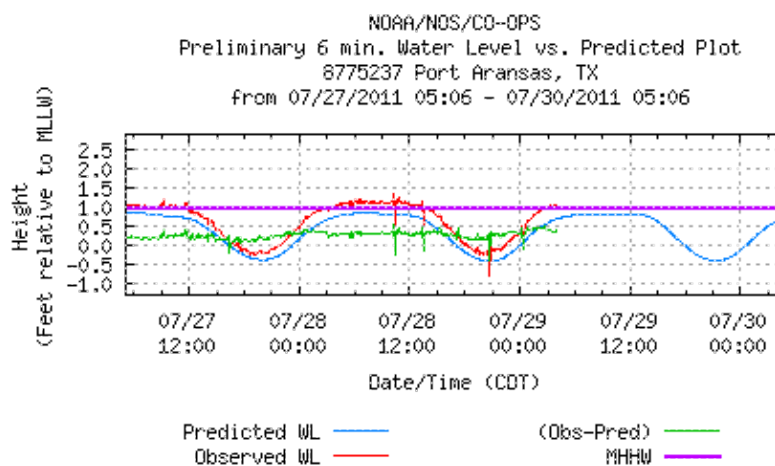
Corpus Christi, TX - Return to List



Last Observed Sample: 07/29/2011 04:54 (CDT)

Water Temperature: 81.9° F Air Temperature: 81.3° F

Port Aransas, TX - Return to List

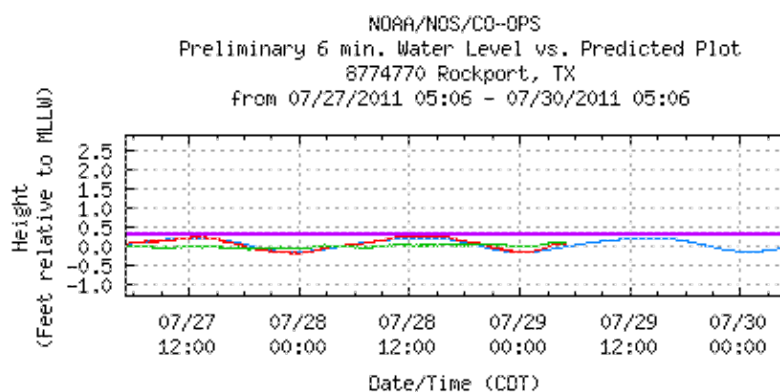


Last Observed Sample: 07/29/2011 04:00 (CDT)

Relative to MLLW: Observed: 1.07 ft. Predicted: 0.69 ft. Residual: 0.38 ft.

Historical Maximum Water Level: , 0 ft. above MHHW

Rockport, TX - Return to List

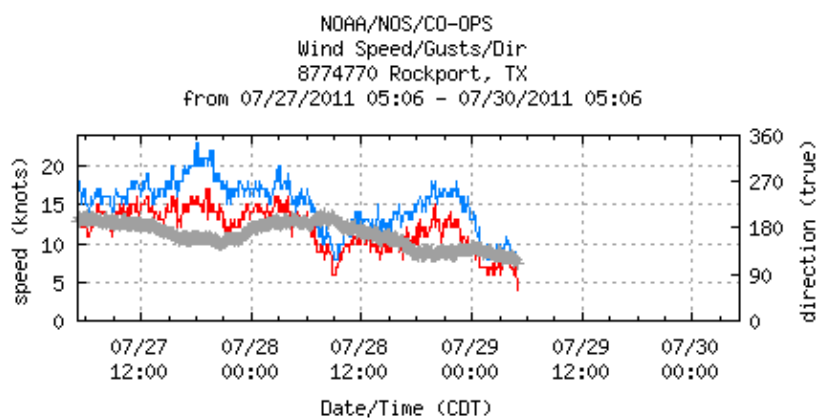


Last Observed Sample: 07/29/2011 04:54 (CDT)

Relative to MLLW: **Observed: 0.08 ft.** **Predicted: -0.01 ft.** **Residual: 0.09 ft.**

Historical Maximum Water Level: Aug 10 1980, 3.73 ft. above MHHW

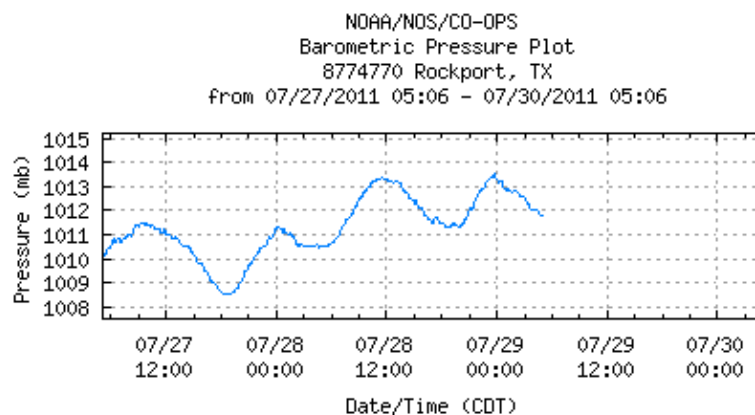
Rockport, TX - Return to List



Last Observed Sample: 07/29/2011 04:54 (CDT)

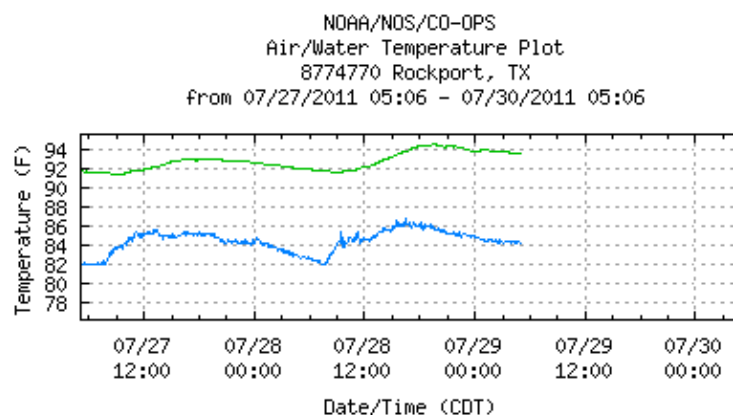
Wind Speed: 4 knots **Gusts: 8 knots** **Direction: 110° T**

Rockport, TX - Return to List



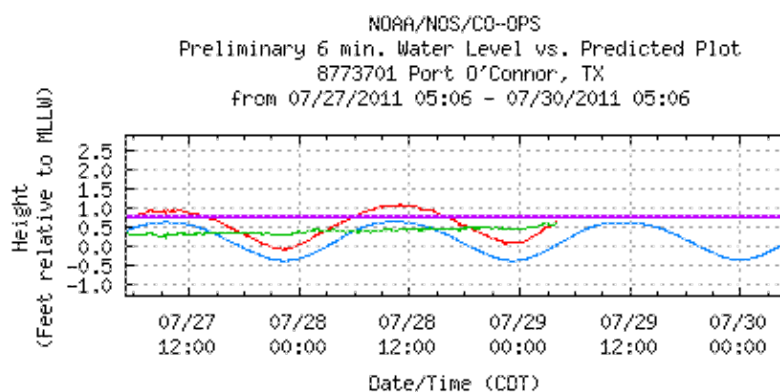
barometric pressure —
Last Observed Sample: 07/29/2011 04:54 (CDT)
Barometric Pressure: 1011.8 mb

Rockport, TX - Return to List



water temp. — air temp —
Last Observed Sample: 07/29/2011 04:54 (CDT)
Water Temperature: 93.6° F Air Temperature: 84.2° F

Port O'Connor, TX - Return to List

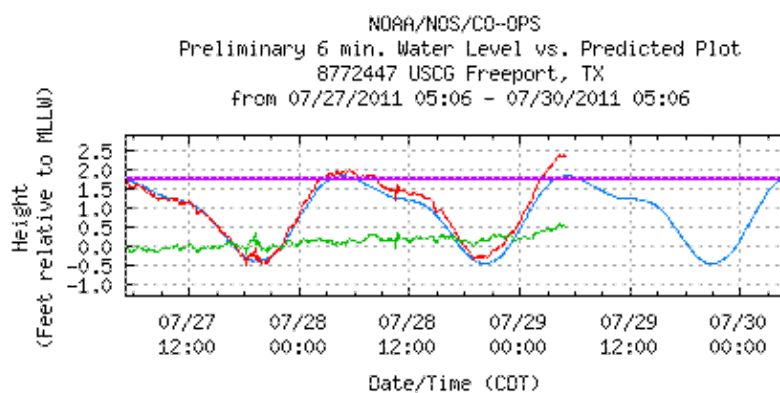


Last Observed Sample: 07/29/2011 04:00 (CDT)

Relative to MLLW: **Observed: 0.63 ft.** **Predicted: 0.05 ft.** **Residual: 0.58 ft.**

Historical Maximum Water Level: , 0 ft. above MHHW

USCG Freeport, TX - Return to List

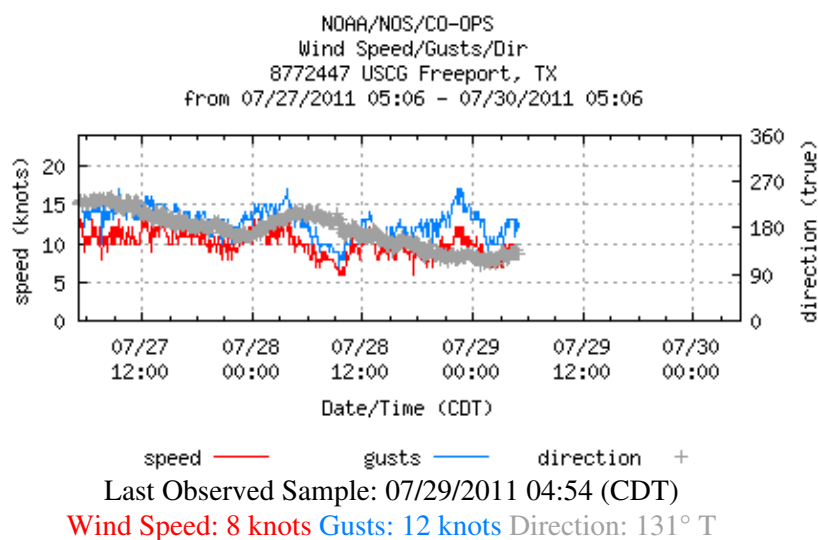


Last Observed Sample: 07/29/2011 04:54 (CDT)

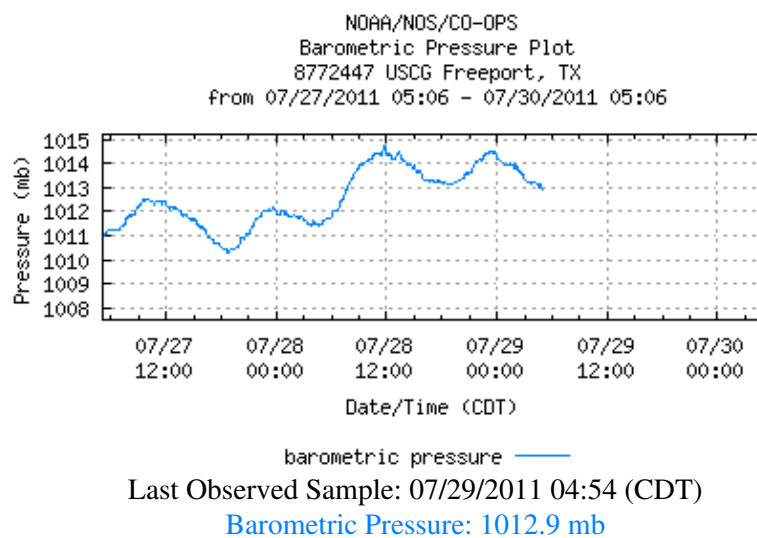
Relative to MLLW: **Observed: 2.34 ft.** **Predicted: 1.82 ft.** **Residual: 0.52 ft.**

Historical Maximum Water Level: Sep 12 2008, 5.6 ft. above MHHW

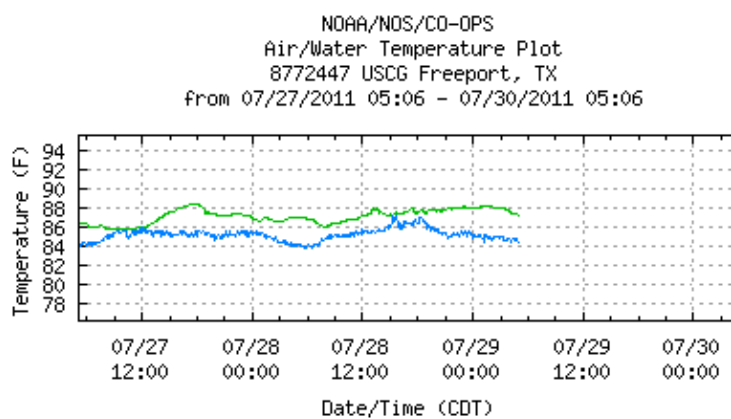
USCG Freeport, TX - Return to List



USCG Freeport, TX - Return to List



[USCG Freeport, TX - Return to List](#)



water temp. — air temp. —

Last Observed Sample: 07/29/2011 04:54 (CDT)

Water Temperature: 87.1° F Air Temperature: 84.4° F

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce